

***Response to Amendment***

The Declaration filed on 5-18-2009 under 37 CFR 1.131 is sufficient to overcome the Heidingsfeld reference.

**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Austen Zuege on 8-10-2009 and subsequent submission of amended claims on 8-12-2009.

The application has been amended as follows:

Replace the claim set of record with the below claim set:

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1. (Previously Presented) A method for updating objects contained within a web page, comprising:

displaying a web page;

creating a frame having a height of zero and a width of zero within the web page;

displaying outside the frame at least one updateable object within the web page, wherein the at least one updateable object corresponds to an HVAC system;

configuring the frame to periodically request updated data from a server,  
the updated data comprising an instruction set for causing the  
frame to update the at least one updateable object;

configuring the frame to request the updated data from the server in  
response to a timer maintained on a client reaching a threshold  
value, wherein the timer is configured to be initiated as a function of  
creation of the frame; and

configuring the frame, in response to receiving the updated data, to cause  
the at least one updateable object to be updated, such that the  
updating of the at least one updateable object updates only a  
portion of the web page.

2. (Original) The method of claim 1, wherein the at least one updateable object  
is an HTML element.

3. (Canceled)

4. (Original) The method of claim 1, wherein the instruction set comprises a  
Script that is executable by the frame without user interaction.

5. (Original) The method of claim 1, wherein causing the at least one  
updateable object to be updated comprises interacting with an external Script  
running within the webpage external to the frame in order to cause the external  
Script to modify the updateable object without refreshing the web page.

6. (Canceled)

7. (Original) The method of claim 1, wherein the updated data is generated by a Java servlet executed by the server.

8. (Currently Amended) A method for displaying on a webpage dynamically changing conditions within a building HVAC system, comprising:

receiving from a sensor an indication of a first state of a condition within the building HVAC system;

transmitting to a web browser executed by a client device a webpage including ~~an invisible~~ a frame having a height of zero and a width of zero and an updateable object, the updateable object displaying the first state of the condition within the building HVAC system;

configuring the frame to request updated information regarding the condition within the building HVAC system in response to a timer maintained on the client device reaching a threshold value, wherein the timer is configured to be initiated as a function of web browser execution by the client device;

periodically receiving from the sensor an indication of a second state of the condition within the building HVAC system;

in response to receiving the indication of the second state of the condition, generating an instruction set for instructing the ~~invisible~~ frame to cause the updateable object to display the second state of the condition without refreshing the entire webpage; and

in response to a request for updated data from the ~~invisible~~ frame, transmitting the instruction set to the invisible frame for execution thereof.

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9. (Currently Amended) The method of claim 8, wherein the ~~invisible~~ frame comprises an HTML element ~~with a height attribute and a width attribute each set to a value of zero.~~

10. (Currently Amended) The method of claim 8, wherein the instruction set comprises a Script that is executable by the ~~invisible~~ frame without user interaction.

11. (Currently Amended) The method of claim 8, wherein the instruction set instructs the ~~invisible~~ frame to interact with an external Script running within the webpage external to the frame in order to cause the external Script to modify the updateable object without refreshing the web page.

12. (Canceled)

13. (Original) The method of claim 8, wherein the condition is selected from the group consisting of time, temperature, airflow and damper position.

14. (Canceled)

15. (Canceled)

16. (Previously Presented) A system for updating objects contained within a web page, comprising:

a communications device for receiving a webpage data file and updated data from at least one server;

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a processor coupled to the communications device for executing a web browser, the web browser requesting, receiving and interpreting the webpage data file, the webpage data file comprising computer-executable instructions for:

creating a webpage,

creating a frame having a height of zero and width of zero within the web page,

displaying outside the frame at least one updateable object within the web page,

wherein the at least one updateable object corresponds to an HVAC system,

configuring the frame to periodically request the updated data from the server in response to a timer maintained on a client reaching a threshold value, the updated data comprising an instruction set for causing the frame to update the at least one updateable object, wherein the timer is configured to be initiated as a function of the web browser requesting, receiving and interpreting the webpage data file, and

configuring the frame, in response to receiving the updated data, to cause the at least one updateable object to be updated, such that the updating of the at least one updateable object updates only a portion of the web page; and

a display device coupled to the processor for displaying the web page created by the web browser.

17. (Canceled)

18. (Original) The system of claim 16, wherein the instruction set comprises a Script that is executable by the frame without user interaction.

19. (Original) The system of claim 16, wherein causing the at least one updateable object to be updated comprises interacting with an external Script running within the webpage external to the frame in order to cause the external Script to modify the updateable object without refreshing the web page.

20. (Original) The system of claim 16, wherein the updated data is generated by a Java servlet executed by the server.

21. (Original) The system of claim 16, wherein the frame is an inline frame.

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### **REASONS FOR ALLOWANCE**

1. The following is an examiner's statement of reasons for allowance:
2. The examiner considered the Applicant's Amendment filed on 6-11-2009 and the Examiner Amendment of 8-13-2009 and after updated search, no other prior art of record has taught that which was presented in the amended claims
3. Therefore, claims 1, 2, 4, 5, 7-11, 13, 16, and 18-21 are allowable.
4. Independent claims 1, 8, and 16, when considered as a whole, are allowable over the prior art of record (Heidingsfeld (removed as prior art as per 1.131 Declaration))

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and Meyer). Specifically the prior art of record fails to clearly teach or support the limitations of *creating a frame of zero height and zero width within a web page. The web having a object outside of the frame showing measures of an HVAC system, where the frame of zero height and zero width periodically request updates form a server, in response to a timer maintained on the client (initiated upon frame creation), to updated the HVAC measures.*

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DENNIS G. BONSHOCK whose telephone number is (571)272-4047. The examiner can normally be reached on Monday - Friday, 5:30 a.m. - 3:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kieu Vu can be reached on (571) 272-4057. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Dennis G. Bonshock/  
Primary Examiner, Art Unit 2173  
8-13-2009  
dgb